



NOAA - National Weather Service

Tampa Bay Area

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July 2016 On Track to be One of the Warmest July's On Record and Possibly One of the Top Ten Driest in a Few Locations

July 2016 has been a warm month with many locations in the Top Five Warmest July's since records began. The month began with a low level southwest to west flow across the region taking much of the rainfall into the eastern half of the Florida peninsula. Then during the second week the pattern changed with the more typical east to southeast flow setting up across the area. This has helped to bring scattered thunderstorms to West Central and Southwest Florida. However, we have had an upper level high pressure centered over or to our northwest for much of the month and this dome of high pressure has created subsidence, or weak sinking motion, which has caused temperatures to be a few degrees above normal and limited the overall thunderstorm coverage. Thanks to the scattered nature of the thunderstorms some areas, especially across the Nature Coast down into the Tampa Bay area, are running below normal for the month while others across the interior and Southwest Florida are well above normal.

On the following pages are tables of the Top Ten Warmest and Top Ten Wettest/Driest July's for some sites across the region, along with the July 1 to 25, 2016 average/totals, and the 1981 to 2010 Normals.

CHIEFLAND 5 SE (records began in June 1956):

Warmest July's		Wettest July's		Driest July's	
1	83.1 in 1983	1	20.80 in 2001	1	2.89 in 2007
2	83.0 in 1998	2	19.40 in 1964	2	3.38 in 1972
	83.0 in 1987	3	16.72 in 2013	3	3.75 in 2006
4	82.8 in 2015	4	16.11 in 1978	4	4.06 in 1977
5	82.6 in 1999	5	13.73 in 1975	5	4.23 in 2014
6	82.2 in 1993	6	13.49 in 1980	6	4.31 in 1956
	82.2 in 1981	7	12.53 in 1974	7	4.55 in 1995
8	82.1 in 2005	8	12.16 in 1965	8	5.38 in 1983
9	82.0 in 1992	9	11.95 in 1984	9	5.78 in 1966
10	81.7 in 1995	10	11.23 in 2004	10	5.89 in 1973
	81.7 in 1986				
	81.7 in 1962				
	81.7 in 1960				

Average Temperature for July 1-25, 2016 = 83.7

Normal Temperature for July at CHIF1 = 80.3

Total Rainfall for July 1-25, 2016 = 5.18

Normal Rainfall for July at CHIF1 = 8.24

INVERNESS 3 SE (records began in July 1948):

Warmest July's		Wettest July's		Driest July's	
1	84.0 in 2010	1	16.28 in 1948	1	2.61 in 1952
2	83.8 in 1969	2	14.71 in 1964	2	3.71 in 1972
3	83.5 in 1979	3	14.45 in 2013	3	3.91 in 1992
4	83.2 in 1998	4	14.40 in 1960	4	4.22 in 2011
	83.2 in 1981	5	13.06 in 2002	5	4.24 in 2006
6	83.1 in 1953	6	12.82 in 1965	6	4.27 in 1983
7	82.9 in 1952	7	12.79 in 2007	7	4.49 in 1994
8	82.8 in 2011	8	11.45 in 1953	8	4.56 in 1970
9	82.6 in 1970	9	11.37 in 2015	9	4.72 in 1996
	82.6 in 1963	10	11.24 in 1982	10	4.85 in 1956

Average Temperature for July 1-25, 2016 = 84.4

Normal Temperature for July at INV1 = 81.5

Total Rainfall for July 1-25, 2016 = 2.95

Normal Rainfall for July at INV1 = 7.39

BROOKSVILLE AREA (records began in January 1892):

Warmest July's		Wettest July's		Driest July's	
1	83.6 in 1930	1	19.89 in 1909	1	1.96 in 1930
	83.6 in 1927	2	17.22 in 2015	2	2.04 in 1970
3	83.5 in 1931	3	17.03 in 1943	3	2.06 in 1996
4	83.3 in 1942	4	16.90 in 1924	4	2.83 in 1892
5	83.2 in 1979	5	16.33 in 1964	5	3.53 in 1902
6	83.1 in 1928	6	15.72 in 1960	6	4.35 in 1968
7	82.9 in 1981	7	15.37 in 2008	7	4.46 in 2010
	82.9 in 1926	8	15.36 in 1945	8	4.65 in 1931
9	82.7 in 2011	9	14.81 in 1935	9	4.66 in 1955
	82.7 in 1993	10	14.57 in 1933	10	4.95 in 1997

Average Temperature for July 1-25, 2016 = 82.9

Normal Temperature for July at BKV = 80.7

Total Rainfall for July 1-25, 2016 = 4.39

Normal Rainfall for July at BKV = 8.04

ST LEO (records began in April 1895):

Warmest July's		Wettest July's		Driest July's	
1	84.3 in 2005	1	18.52 in 1945	1	2.09 in 1979
	84.3 in 1998	2	16.10 in 1948	2	2.30 in 1899
3	83.9 in 1942	3	15.74 in 1935	3	2.58 in 1930
4	83.8 in 1896	4	15.05 in 1933	4	2.98 in 2010
5	83.7 in 1900	5	14.34 in 1960	5	3.08 in 1989
6	83.5 in 1983	6	14.17 in 1909	6	3.34 in 1902
	83.5 in 1932	7	14.11 in 2004	7	3.91 in 1952
8	83.4 in 2006	8	13.35 in 1901	8	4.28 in 1999
	83.4 in 1999	9	12.17 in 1911	9	4.31 in 1942
	83.4 in 1987	10	11.99 in 1959	10	4.52 in 1932
	83.4 in 1981				

Average Temperature for July 1-25, 2016 = Not Available

Normal Temperature for July at STLf1 = 82.6

Total Rainfall for July 1-25, 2016 = Not Available

Normal Rainfall for July at STLf1 = 7.88

TARPON SPRINGS (records began in January 1892):

Warmest July's		Wettest July's		Driest July's	
1	85.2 in 1932	1	22.55 in 2015	1	0.95 in 2003
2	85.0 in 1993	2	20.76 in 1960	2	0.98 in 2007
3	84.8 in 1942	3	17.03 in 1909	3	2.23 in 1970
4	84.7 in 1997	4	15.48 in 1947	4	2.43 in 1932
5	84.6 in 2004	5	15.45 in 2009	5	2.45 in 1976
6	84.3 in 1996	6	15.31 in 2012	6	2.47 in 1993
	84.3 in 1931	7	15.12 in 2008	7	2.76 in 1914
8	84.2 in 2014	8	15.02 in 1919	8	3.41 in 1940
9	84.1 in 1998	9	14.66 in 1921	9	3.48 in 1952
10	84.0 in 1992	10	14.16 in 1965	10	3.67 in 1972

Average Temperature for July 1-25, 2016 = 84.6

Normal Temperature for July at TRPF1 = 82.0

Total Rainfall for July 1-25, 2016 = 7.05

Normal Rainfall for July at TRPF1 = 8.09

TAMPA AREA (records began in April 1890):

Warmest July's		Wettest July's		Driest July's	
1	84.9 in 1932	1	20.59 in 1960	1	1.65 in 1981
2	84.6 in 1942	2	15.53 in 1899	2	2.03 in 1932
3	84.4 in 2011	3	13.92 in 1906	3	2.11 in 1893
4	84.3 in 2010	4	13.77 in 1950	4	2.31 in 1962
5	84.2 in 2005	5	13.68 in 1946	5	2.72 in 1996
6	84.0 in 1980	6	13.32 in 1925	6	2.75 in 1908
	84.0 in 1931	7	12.95 in 1998	7	2.77 in 1970
8	83.9 in 1979	8	12.68 in 2014	8	2.80 in 1992
9	83.8 in 1993	9	12.32 in 1933	9	2.92 in 1993
	83.8 in 1992	10	12.30 in 1896	10	3.38 in 2005

Average Temperature for July 1-25, 2016 = 84.8

Normal Temperature for July at TPA = 83.0

Total Rainfall for July 1-25, 2016 = 3.23

Normal Rainfall for July at TPA = 7.07

ST PETERSBURG (records began in August 1914):

Warmest July`s		Wettest July`s		Driest July`s	
1	86.7 in 2005	1	18.97 in 1945	1	2.09 in 1996
2	85.7 in 1932	2	18.30 in 1921	2	2.40 in 1982
3	85.3 in 1931	3	16.77 in 1947	3	2.44 in 1918
4	85.2 in 2010	4	16.46 in 1960	4	2.65 in 1970
5	84.9 in 1987	5	14.97 in 1919	5	2.72 in 1930
	84.9 in 1979	6	14.70 in 2000	6	2.78 in 1972
7	84.7 in 1992	7	14.66 in 1922	7	2.92 in 2012
8	84.6 in 1973	8	14.32 in 2015	8	3.05 in 1942
	84.6 in 1970	9	13.64 in 1954	9	3.06 in 2003
10	84.5 in 1969	10	13.33 in 1965	10	3.13 in 1966
	84.5 in 1930				

Average Temperature for July 1-25, 2016 = 85.6

Normal Temperature for July at SPG = 83.0

Total Rainfall for July 1-25, 2016 = 3.84

Normal Rainfall for July at SPG = 7.07

PLANT CITY (records began in September 1892):

Warmest July`s		Wettest July`s		Driest July`s	
1	83.6 in 1969	1	21.74 in 1960	1	2.75 in 1970
2	83.5 in 2010	2	15.67 in 1943	2	2.96 in 1996
3	83.3 in 1916	3	15.62 in 1910	3	3.04 in 1932
4	83.2 in 2005	4	15.22 in 1925	4	3.45 in 1915
	83.2 in 1981	5	15.20 in 1933	5	3.48 in 1956
	83.2 in 1913	6	14.19 in 1929	6	3.54 in 1902
7	83.1 in 1992	7	14.08 in 1945	7	3.82 in 1988
8	83.0 in 1980		14.08 in 1905	8	3.92 in 1913
9	82.9 in 2012	9	13.25 in 1965	9	3.97 in 1912
	82.9 in 2011	10	13.08 in 1906	10	4.32 in 1958

Average Temperature for July 1-25, 2016 = 85.1

Normal Temperature for July at PLCF1 = 81.7

Total Rainfall for July 1-25, 2016 = 4.23

Normal Rainfall for July at PLCF1 = 7.60

LAKELAND (records began in January 1915):

Warmest July`s	Wettest July`s	Driest July`s
1 84.9 in 1992	1 15.67 in 1960	1 2.49 in 1992
2 84.8 in 1987	2 14.74 in 1994	2 3.09 in 1961
3 84.5 in 2010	3 14.34 in 1948	3 3.17 in 1942
4 84.4 in 1993	4 13.79 in 1946	4 3.50 in 1996
84.4 in 1932	5 13.77 in 1988	5 3.51 in 1972
6 84.2 in 1942	6 13.56 in 2001	6 4.06 in 1983
7 84.0 in 1995	7 13.37 in 2015	7 4.14 in 1936
8 83.9 in 1989	8 13.23 in 1991	8 4.30 in 1930
9 83.7 in 1981	9 11.93 in 2013	9 4.37 in 1932
10 83.6 in 1998	10 11.47 in 1945	10 4.49 in 1958
83.6 in 1990		

Average Temperature for July 1-25, 2016 = 85.1

Normal Temperature for July at LLDF1 = 82.0

Total Rainfall for July 1-25, 2016 = 4.27

Normal Rainfall for July at LLDF1 = 7.49

WINTER HAVEN AREA (records began in January 1941):

Warmest July`s	Wettest July`s	Driest July`s
1 85.0 in 2005	1 16.45 in 1945	1 1.95 in 1972
2 84.8 in 2010	2 15.77 in 2000	2 2.72 in 1986
84.8 in 1989	3 13.76 in 1998	3 2.95 in 2011
4 84.1 in 1992	4 13.73 in 1948	4 3.36 in 1996
83.8 in 2012	5 13.69 in 1946	5 3.40 in 2009
6 83.7 in 2015	6 12.73 in 1991	6 3.44 in 1961
83.7 in 1942	7 12.07 in 1973	7 3.69 in 1988
8 83.4 in 2007	8 12.05 in 1981	8 3.76 in 2012
83.4 in 2000	9 11.82 in 1995	9 4.06 in 1975
10 83.3 in 1996	10 11.68 in 1941	10 4.57 in 1992
83.3 in 1993		

Average Temperature for July 1-25, 2016 = 85.4

Normal Temperature for July at GIF = 82.9

Total Rainfall for July 1-25, 2016 = 4.53

Normal Rainfall for July at GIF = 7.50

BARTOW (records began in June 1892):

Warmest July's		Wettest July's		Driest July's	
1	85.4 in 2014	1	17.58 in 1960	1	2.35 in 1892
2	84.7 in 1932	2	16.91 in 1924	2	2.91 in 1961
3	84.5 in 1969	3	14.55 in 1897	3	3.19 in 1972
4	84.2 in 2005	4	14.00 in 1991	4	3.55 in 1932
5	84.1 in 2013	5	13.84 in 1998	5	3.80 in 1999
	84.1 in 1998	6	13.82 in 1989	6	3.97 in 1902
7	84.0 in 2012	7	13.36 in 1945	7	4.08 in 1958
8	83.9 in 1992	8	13.32 in 1995	8	4.11 in 1936
	83.9 in 1987	9	13.31 in 1909	9	4.15 in 1985
10	83.8 in 2010	10	13.01 in 1933	10	4.51 in 2006

Average Temperature for July 1-25, 2016 = 84.1

Normal Temperature for July at BARF1 = 82.8

Total Rainfall for July 1-25, 2016 = 3.97

Normal Rainfall for July at BARF1 = 9.15

SARASOTA-BRADENTON (records began in January 1911):

Warmest July's		Wettest July's		Driest July's	
1	84.2 in 1998	1	24.47 in 1950	1	0.93 in 1970
2	84.0 in 1962	2	20.60 in 1921	2	2.15 in 2014
3	83.9 in 2014	3	20.15 in 1960	3	2.30 in 1930
4	83.4 in 2006	4	17.20 in 1965	4	2.88 in 1953
5	83.3 in 2010	5	16.28 in 1984	5	3.51 in 1981
	83.3 in 2005	6	14.25 in 1987	6	3.66 in 1973
7	83.2 in 1992	7	14.02 in 1919	7	3.70 in 1996
8	83.1 in 1993	8	13.87 in 1978	8	3.75 in 1967
	83.1 in 1989	9	13.57 in 1935	9	3.99 in 1942
10	83.0 in 2012	10	12.95 in 2001	10	4.38 in 1932
	83.0 in 1995				

Average Temperature for July 1-25, 2016 = 85.3

Normal Temperature for July at SRQ = 82.4

Total Rainfall for July 1-25, 2016 = 4.65

Normal Rainfall for July at SRQ = 7.98

VENICE (records began in April 1955):

Warmest July's		Wettest July's		Driest July's	
1	86.6 in 1989	1	15.61 in 1995	1	2.02 in 1962
2	86.2 in 2010	2	14.22 in 2006	2	2.12 in 1981
3	85.0 in 1998	3	12.91 in 1984	3	2.33 in 1967
4	84.9 in 2011	4	12.72 in 2015	4	2.61 in 1972
5	84.5 in 2012	5	12.67 in 2001	5	2.98 in 1992
6	84.2 in 1996	6	12.00 in 1991	6	3.04 in 1970
7	84.0 in 1997	7	11.89 in 2008	7	3.31 in 2002
8	83.8 in 1993	8	11.23 in 1971	8	3.34 in 2009
9	83.7 in 1999	9	11.14 in 1987	9	3.35 in 1963
10	83.4 in 1962		11.14 in 1974	10	3.71 in 1979

Average Temperature for July 1-25, 2016 = 84.2

Normal Temperature for July at VNCF1 = 82.3

Total Rainfall for July 1-25, 2016 = 1.21

Normal Rainfall for July at VNCF1 = 7.32

MYAKKA RIVER STATE PARK (Temperature records began in March 1956
and Rainfall records began in Sep 1943):

Warmest July's		Wettest July's		Driest July's	
1	85.0 in 1998	1	19.34 in 1973	1	1.81 in 1972
2	84.1 in 2005	2	18.17 in 2015	2	3.35 in 1963
3	83.9 in 1999	3	17.73 in 1975	3	3.47 in 1992
4	83.8 in 1996	4	17.08 in 1995	4	3.55 in 1962
5	83.6 in 1997	5	15.47 in 1984	5	3.84 in 1952
6	83.5 in 2010	6	14.86 in 1960	6	3.88 in 1993
7	83.0 in 2012	7	14.44 in 1945	7	4.48 in 1956
	83.0 in 1969	8	14.33 in 1965	8	4.53 in 1996
9	82.9 in 2011	9	14.21 in 2004	9	4.87 in 1957
	82.9 in 1979	10	13.81 in 2006	10	5.17 in 2009

Average Temperature for July 1-25, 2016 = Not Available At This Time

Normal Temperature for July at MKCF1 = 82.0

Total Rainfall for July 1-25, 2016 = Not Available At This Time

Normal Rainfall for July at MKCF1 = 9.66

WAUCHULA 2 N (records began in January 1933):

Warmest July's		Wettest July's		Driest July's	
1	84.5 in 2009	1	15.54 in 1946	1	2.21 in 1981
2	83.9 in 1992	2	14.60 in 1960	2	2.80 in 1962
3	83.8 in 1942	3	13.76 in 1965	3	2.90 in 1999
4	83.6 in 2007	4	13.72 in 2008	4	2.91 in 1992
5	83.5 in 2008	5	13.62 in 1945	5	3.63 in 1985
6	83.4 in 1993	6	13.43 in 2009	6	3.71 in 1996
	83.4 in 1969	7	13.31 in 2001	7	4.00 in 1934
8	83.1 in 1979	8	13.27 in 1948	8	4.06 in 1950
9	83.0 in 1962	9	12.46 in 1977	9	4.17 in 1980
10	82.9 in 1987	10	12.45 in 1988	10	4.40 in 2003
	82.9 in 1940				

Average Temperature for July 1-25, 2016 = 83.9

Normal Temperature for July at WAUF1 = 83.3

Total Rainfall for July 1-25, 2016 = 0.71

Normal Rainfall for July at WAUF1 = 7.94

ARCADIA (records began in January 1899):

Warmest July's		Wettest July's		Driest July's	
1	83.4 in 1942	1	17.52 in 1965	1	1.93 in 1932
2	83.1 in 1981	2	16.39 in 1905	2	2.32 in 1972
3	83.0 in 1932	3	16.06 in 1951	3	2.46 in 1962
	83.0 in 1902	4	15.21 in 1945	4	3.11 in 1961
5	82.5 in 2010	5	14.99 in 1974	5	3.31 in 1912
	82.5 in 1940	6	14.61 in 1948	6	3.50 in 1955
	82.5 in 1912	7	14.04 in 1973	7	3.91 in 1980
	82.5 in 1901	8	13.82 in 2001	8	3.99 in 1970
9	82.4 in 1997	9	13.48 in 2013	9	4.11 in 1981
	82.4 in 1958	10	12.99 in 2009	10	4.14 in 1976
	82.4 in 1915				
	82.4 in 1907				
	82.4 in 1903				
	82.4 in 1900				

Average Temperature for July 1-25, 2016 = Not Available

Normal Temperature for July at ARCF1 = 81.6

Total Rainfall for July 1-25, 2016 = Not Available

Normal Rainfall for July at ARCF1 = 7.71

ARCHBOLD BIO STN (records began in January 1969):

Warmest July`s	Wettest July`s	Driest July`s
1 83.2 in 2010	1 17.27 in 2001	1 3.64 in 1994
2 82.6 in 1969	2 16.89 in 1974	2 3.90 in 1972
3 82.3 in 2005	3 14.85 in 2013	3 4.02 in 2003
4 82.2 in 1998	4 13.09 in 1984	4 4.15 in 2011
5 82.0 in 2015	5 12.79 in 2014	5 4.52 in 1987
82.0 in 2011	6 12.06 in 2008	6 4.67 in 1992
7 81.9 in 1980	7 11.05 in 2002	7 4.68 in 1977
8 81.6 in 1996	8 11.03 in 1993	8 5.06 in 2000
9 81.4 in 2000	9 10.93 in 2010	9 5.34 in 1999
10 81.3 in 1992	10 10.89 in 1990	10 5.57 in 1996
81.3 in 1991		
81.3 in 1990		
81.3 in 1987		

Average Temperature for July 1-25, 2016 = 83.6

Normal Temperature for July at ACHF1 = 80.6

Total Rainfall for July 1-25, 2016 = 6.07

Normal Rainfall for July at ACHF1 = 8.20

PUNTA GORDA 4 ESE (records began in May 1914):

Warmest July`s	Wettest July`s	Driest July`s
1 84.5 in 2005	1 18.25 in 1947	1 1.75 in 1932
2 84.2 in 2014	2 15.10 in 1924	2 2.23 in 1963
3 84.1 in 1998	3 14.66 in 1933	3 2.41 in 1930
84.1 in 1980	4 14.26 in 2008	4 3.09 in 1966
84.1 in 1963	5 14.22 in 1995	5 3.24 in 1962
6 84.0 in 2011	6 13.15 in 1982	6 3.52 in 1990
84.0 in 1962	7 12.91 in 1948	3.52 in 1979
84.0 in 1932	8 12.68 in 2006	3.52 in 1934
9 83.8 in 2015	9 12.14 in 2013	9 3.58 in 1917
10 83.7 in 2010	12.14 in 1985	10 3.86 in 1970

Average Temperature for July 1-25, 2016 = 85.0

Normal Temperature for July at PNTF1 = 82.9

Total Rainfall for July 1-25, 2016 = 8.24

Normal Rainfall for July at PNTF1 = 8.22

FORT MYERS AREA (records began in January 1902):

Warmest July`s		Wettest July`s		Driest July`s	
1	85.7 in 1981	1	15.28 in 1941	1	2.28 in 1964
	85.7 in 1979	2	15.22 in 1920	2	2.92 in 2003
3	84.8 in 1997	3	14.51 in 1991	3	3.50 in 1940
	84.8 in 1996	4	14.47 in 1974	4	3.93 in 1918
5	84.5 in 1992	5	14.43 in 2006	5	4.05 in 1911
	84.5 in 1942	6	14.38 in 1987	6	4.06 in 1963
7	84.3 in 1982	7	13.94 in 2001	7	4.29 in 2009
	84.3 in 1980	8	13.90 in 1905	8	4.60 in 1902
9	84.2 in 2010	9	13.76 in 1960	9	4.65 in 1930
	84.2 in 1962	10	13.32 in 1949	10	4.74 in 1970

Average Temperature for July 1-25, 2016 = 84.5

Normal Temperature for July at FMY = 83.2

Total Rainfall for July 1-25, 2016 = 6.95

Normal Rainfall for July at FMY = 9.04

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